INDEX

ELECTRICAL COMMUNICATION

Volume 21, 1942—1944

SUBJECT AND TITLE

	Number	Page	Year
Aircraft Electric Power Supply System. John E. Yarmack	3	159	1943
Antenna System, A Machine for Calculating the Polar Diagram of an. H. Paul Williams	2	103	1943
Antennae for Ultra-High Frequencies—Wide Band Antennae (First Installment). Leon Brillouin	4	257	1944
Automatic Operation, Conversion of Brazilian Capital to Full Rotary. W. Hirsch; E. A. Brander	1	53	1942
Automatic Ticketing of Telephone Calls. W. Hatton	4	211	1944
Brazilian Capital, Conversion of, to Full Rotary Automatic Operation. W. Hirsch; E. A. Brander	1	53	1942
CBS International Broadcast Stations, Audio and Measuring Facilities for the. Howard A. Chinn	3	174	1943
CBS International Broadcasters, New 50-Kilowatt. H. Romander	2	112	1943
CBS: WABC-Key Station of the Columbia Broadcasting System. E. M. Ostlund	1	61	1942
Communication Contributions of 1942, Western Hemisphere I. T. & T. System	2	75	1943
Dehydration of Food by Radio Frequency Energy. Vernon W. Sherman	2	125	1943
Deloraine, E. M., Elected Director of I. T. & T.	4	282	1944
Electron Lenses, Electrostatic, The Measured Characteristics of Some. Karl Spangenberg; Lester M. Field	3	194	1943
Facsimile Telegraphy, Train Orders by. J. H. Hackenberg; G. H. Ridings	2	95	1943
Federal Telephone and Radio Corporation, Maritime Commission "M" Awarded to	1	72	1942
Marine Radio Unit, H. F.,—Newly Adopted Equipment Influencing Ship Design, The. E. J. Girard	2	85	1943
In Memoriam—Colonel William F. Repp	3	157	1943
I. T. & T. System Communication Contributions of 1942, Western Hemisphere	2	75	1943
Maritime Commission "M" Awarded to Federal Telephone and Radio Corporation	1	72	1942
Microphones and Receivers. L. C. Pocock	4	218	1944
New Zealand, Standard D.C. Bias System as Applied to the Control of Water Heater Loads. G. H. J. Underwood	1	46	1942
New Zealand, Wellington, Supervisory Remote Control for. E. M. S. McWhirter; H. J. Ward	2	89	1943
Paper Insulated Power Cables, The Current Rating of. C. C. Barnes.	1	27	1942

R V21 1942-1944

	Number	Page	Year
Plastics, The Polymerization of Styrene and Some Concepts of the Electrical Properties of. A. J. Warner	3	180	1943
Power Cables, The Current Rating of Paper Insulated. C. C. Barnes	1	27	1942
Pratt, Haraden, Awarded Medal of Honor	4	284	1944
Public Address Systems. S. Hill	1	13	1942
Quartz Crystals—Development and Application. S. A. Bokovoy	4	233	1944
Radio Broadcasting: Audio and Measuring Facilities for the CBS International Broadcast Stations. Howard A. Chinn	3	174	1943
Radio Broadcasting: New 50-Kilowatt CBS International Broadcasters. H. Romander	2	112	1943
Radio Broadcasting: Tubes for High-Power Short-Wave Broadcast Stations—Their Characteristics and Use. G. Chevigny	3	143	1943
Radio Broadcasting: WABC—Key Station of the Columbia Broadcasting System. E. M. Ostlund	1	61	1942
Radio Engineers, Reference Data for. H. H. Buttner	3	205	1943
Radio Frequency Energy, Dehydration of Food by. Vernon W. Sherman	2	125	1943
Radio Frequency Energy, Thin Case Hardening with. Vernon W. Sherman	2	127	1943
Receivers, Microphones and. L. C. Pocock	4	218	1944
Reference Data for Radio Engineers. H. H. Buttner	3	205	1943
Remote Control: Standard D.C. Bias System as Applied to the Control of Water Heater Loads in New Zealand. G. H. J. Underwood	1	46	1942
Remote Control, Supervisory, for Wellington, New Zealand. E. M. S. McWhirter; H. J. Ward	2	89	1943
Repp, Colonel William F., In Memoriam	3	157	1943
Standard Telephones and Cables, Ltd., London—60th Anniversary. C. W. Eve	4	213	1944
Styrene, The Polymerization of, and Some Concepts of the Electrical Properties of Plastics. A. J. Warner	3	180	1943
Subscribers' Telephone Sets, Simplified. E. S. McLarn	1	3	1942
Telecommunications Developments, Recent	3	207	1943
Telephone Calls, Automatic Ticketing of. W. Hatton	4	211	1944
Telephone Sets, Simplified Subscribers'. E. S. McLarn	1	3	1942
Thin Case Hardening with Radio-Frequency Energy. Vernon W. Sherman	2	127	1943
Transmission Lines, Intercoupled. Morton Fuchs	4	248	1944
Train Orders by Facsimile Telegraphy. J. H. Hackenberg; G. H. Ridings	2	95	1943
Ultra-High Frequencies, Antennae for—Wide Band Antennae (First Installment). Leon Brillouin	4	257	1944
Vacuum Tubes: Physics and the Static Characteristics of Hard Vacuum Valves. J. H. Fremlin	3	167	1943
Vacuum Tubes: Tubes for High-Power Short-Wave Broadcast Stations —Their Characteristics and Use. G. Chevigny	3	143	1943
WABC—Key Station of the Columbia Broadcasting System. E. M. Ostlund	1	61	1942
Water Heater Loads in New Zealand, Standard D.C. Bias System as Applied to the Control of. G. H. J. Underwood	1	46	1942
Wave Guides in Electrical Communication. John Kemp	4	247	1944
Western Hemisphere I. T. & T. System Communication Contributions of 1942	2	75	1943

Tech.

AUTHOR

	Number	Page	Year
Barnes, C. C., The Current Rating of Paper Insulated Power Cables	1	27	1942
Bokovoy, S. A., Quartz Crystals—Development and Application	4	233	1944
Brander, E. A., Conversion of Brazilian Capital to Full Rotary Automatic Operation	1	53	1942
Brillouin, Leon, Antennae for Ultra-High Frequencies—Wide Band Antennae (First Installment)	4	257	1944
Buttner, H. H., Reference Data for Radio Engineers	3	205	1943
Chevigny, G., Tubes for High-Power Short-Wave Broadcast Stations—Their Characteristics and Use	3	143	1943
Chinn, Howard A., Audio and Measuring Facilities for the CBS International Broadcast Stations	3	174	1943
Eve, C. W., Standard Telephones and Cables, Ltd., London—60th Anniversary	4	213	1944
Field, Lester M., The Measured Characteristics of Some Electrostatic Electron Lenses	3	194	1943
Fremlin, J. H., Physics and the Static Characteristics of Hard Vacuum Valves	3	167	1943
Fuchs, Morton, Intercoupled Transmission Lines	4	248	1944
Girard, E. J., The H.F. Marine Radio Unit—Newly Adopted Equipment Influencing Ship Design	2	85	1943
Hackenberg, J. H., Train Orders by Facsimile Telegraphy	2	95	1943
Hatton, W., Automatic Ticketing of Telephone Calls	4	211	1944
Hill, S., Public Address Systems	1	13	1942
Hirsch, W., Conversion of Brazilian Capital to Full Rotary Automatic Operation	1	53	1942
Kemp, John, Wave Guides in Electrical Communication	4	247	1944
McLarn, E. S., Simplified Subscribers' Telephone Sets	1	3	1942
McWhirter, E. M. S., Supervisory Remote Control for Wellington, New Zealand	2	89	1943
Ostlund, E. M., WABC—Key Station of the Columbia Broadcasting System	1	61	1942
Pocock, L. C., Microphones and Receivers	4	218	1944
Ridings, G. H., Train Orders by Facsimile Telegraphy	2	95	1943
Romander, H., New 50-Kilowatt CBS International Broadcasters	2	112	1943
Sherman, Vernon W., Dehydration of Food by Radio Frequency Energy	2	125	1943
Sherman, Vernon W., Thin Case Hardening with Radio-Frequency Energy	2	127	1943
Spangenberg, Karl, The Measured Characteristics of Some Electrostatic Electron Lenses	3	194	1943
Underwood, G. H. J., The Standard D.C. Bias System as Applied to the Control of Water Heater Loads in New Zealand	1	46	1942
Ward, H. J., Supervisory Remote Control for Wellington, New Zealand	1	89	1943
Warner, A. J., The Polymerization of Styrene and Some Concepts of the Electrical Properties of Plastics	3	180	1943
Williams, H. Paul, A Machine for Calculating the Polar Diagram of an Antenna System	2	103	1943
Yarmack, John E., Aircraft Electric Power Supply System	3	159	1943